

## **ABSTRACT**

A synchronous system for a virtual reality frame and real objects is disclosed. A virtual reality system is installed to a mainframe with display frame. Objects in a room are installed with sensors and transmitters. Signals of these sensors are transmitted to a transceiver of the mainframe so that the mainframe knows the conditions of the object in the room. A plurality of toys are in a room. Actions of the toys are stored in the mainframe. The display of the mainframe has icons which represents the toys. The objects have corresponding icons in the virtual reality frame. The signals of the sensors are transmitted to the mainframe through the transmitter so that the virtual reality frame can show the result. The transceiver transmits the signals to the receiver so that the objects can act according to the received signals.

15